

WEST Search History

DATE: Monday, June 30, 2003

<u>Set Name</u> <u>Query</u>		<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
L1	osan-frank\$.in. or berger-klaus\$.in. or ruchatz-dieter\$.in. or stark-oliver\$.in. or nakamura-toru\$.in.	1332	L1
L2	L1 and polyolefin	110	L2
L3	L2 and viscosity	55	L3
L4	L2 and viscosity number	30	L4
L5	L4 and viscosity ratio	0	L5
L6	L4 and (molar mass or molecular mass or molar weight or molecular weight)	29	L6

END OF SEARCH HISTORY

WEST Search History

DATE: Monday, June 30, 2003

Set Name Query

side by side

Hit Count Set Name

result set

DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ

L1	osan-frank\$.in. or berger-klaus\$.in. or ruchatz-dieter\$.in. or stark-oliver\$.in. or nakamura-toru\$.in.	1332	L1
L2	L1 and polyolefin	110	L2
L3	L2 and viscosity	55	L3
L4	L2 and viscosity number	30	L4
L5	L4 and viscosity ratio	0	L5
L6	L4 and (molar mass or molecular mass or molar weight or molecular weight)	29	L6
L7	l6 and melting	18	L7

END OF SEARCH HISTORY

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)[Cases](#)**Search Results -**

Terms	Documents
L10 and (molar mass or molar weight or molecular mass or molecular weight)	7

Database:

US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index

IBM Technical Disclosure Bulletins

Search:

L11

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Set Name Query

side by side

Hit Count Set Name

result set

DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ

<u>L1</u>	osan-frank\$.in. or berger-klaus\$.in. or ruchatz-dieter\$.in. or stark-oliver\$.in. or nakamura-toru\$.in.	1332	<u>L1</u>
<u>L2</u>	L1 and polyolefin	110	<u>L2</u>
<u>L3</u>	L2 and viscosity	55	<u>L3</u>
<u>L4</u>	L2 and viscosity number	30	<u>L4</u>
<u>L5</u>	L4 and viscosity ratio	0	<u>L5</u>
<u>L6</u>	L4 and (molar mass or molecular mass or molar weight or molecular weight)	29	<u>L6</u>
<u>L7</u>	L6 and melting	18	<u>L7</u>
<u>L8</u>	L1 and (polyolefin with (amorphous or transparent or transparency))	19	<u>L8</u>
<u>L9</u>	L1 and (polyolefin with amorphous)	11	<u>L9</u>
<u>L10</u>	L9 and viscosity	7	<u>L10</u>
<u>L11</u>	L10 and (molar mass or molar weight or molecular mass or molecular weight)	7	<u>L11</u>

END OF SEARCH HISTORY

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 7 of 7 returned.**☐ 1. Document ID: US 6068936 A

L11: Entry 1 of 7

File: USPT

May 30, 2000

US-PAT-NO: 6068936

DOCUMENT-IDENTIFIER: US 6068936 A

TITLE: Polyolefin film containing cycloolefin polymer, process for the production thereof, and the use thereof

DATE-ISSUED: May 30, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Peiffer; Herbert	Mainz			DE
Schlogl; Gunter	Kelkheim			DE
Dries; Thomas	Schwabenheim			DE
<u>Osan; Frank</u>	Kelkheim			DE

US-CL-CURRENT: 428/500; 156/244.11, 264/173.12, 264/173.16, 264/176.1, 428/515, 428/516, 428/519, 428/523, 428/910, 525/210

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw Desc	Image
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☐ 2. Document ID: US 5885704 A

L11: Entry 2 of 7

File: USPT

Mar 23, 1999

US-PAT-NO: 5885704

DOCUMENT-IDENTIFIER: US 5885704 A

TITLE: Oriented polyolefin film with amorphous polymer, a process for its production and its use

DATE-ISSUED: March 23, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Peiffer; Herbert	Mainz			DE
Murschall; Ursula	Nierstein			DE
Schloegl; Gunter	Kelkheim			DE
<u>Osan; Frank</u>	Kelkheim			DE
Dries; Thomas	Schwabenheim			DE

US-CL-CURRENT: 428/315.9; 428/314.4, 428/315.5, 428/319.3, 428/319.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw Desc	Image
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☐ 3. Document ID: US 5866662 A

L11: Entry 3 of 7

File: USPT

Feb 2, 1999

US-PAT-NO: 5866662

DOCUMENT-IDENTIFIER: US 5866662 A

TITLE: Cycloolefin polymers

DATE-ISSUED: February 2, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hatke; Wilfried	Hofheim			DE
Osan; Frank	Kelkheim			DE

US-CL-CURRENT: 526/160; 526/281, 526/283, 526/284, 526/308, 526/348, 526/348.6,
526/351, 526/352, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 4. Document ID: US 5856414 A

L11: Entry 4 of 7

File: USPT

Jan 5, 1999

US-PAT-NO: 5856414

DOCUMENT-IDENTIFIER: US 5856414 A

TITLE: Cycloolefin polymers

DATE-ISSUED: January 5, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hatke; Wilfried	Hofheim			DE
Osan; Frank	Kelkheim			DE

US-CL-CURRENT: 526/160; 526/159, 526/281, 526/283, 526/308, 526/348, 526/348.6,
526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 5. Document ID: US 5623039 A

L11: Entry 5 of 7

File: USPT

Apr 22, 1997

US-PAT-NO: 5623039

DOCUMENT-IDENTIFIER: US 5623039 A

TITLE: Cycloolefin polymers

DATE-ISSUED: April 22, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hatke; Wilfried	Hofheim			DE
<u>Osan; Frank</u>	Kelkheim			DE

US-CL-CURRENT: 526/281; 526/160, 526/283, 526/308, 526/348, 526/348.6, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMCM	Draw Desc	Image
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☐ 6. Document ID: US 5610253 A

L11: Entry 6 of 7

File: USPT

Mar 11, 1997

US-PAT-NO: 5610253

DOCUMENT-IDENTIFIER: US 5610253 A

TITLE: Cycloolefin polymers

DATE-ISSUED: March 11, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hatke; Wilfried	Hofheim			DE
<u>Osan; Frank</u>	Kelkheim			DE

US-CL-CURRENT: 526/281; 526/160, 526/283, 526/308, 526/348, 526/348.6, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMCM	Draw Desc	Image
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☐ 7. Document ID: US 5573717 A

L11: Entry 7 of 7

File: USPT

Nov 12, 1996

US-PAT-NO: 5573717

DOCUMENT-IDENTIFIER: US 5573717 A

TITLE: Oriented polyolefin film with amorphous polymer, a process for its production and its use

DATE-ISSUED: November 12, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Peiffer; Herbert	Mainz			DE
Murschall; Ursula	Nierstein			DE
Schloegl; Gunter	Kelkheim			DE
<u>Osan; Frank</u>	Kelkheim			DE
Dries; Thomas	Schwabenheim			DE

US-CL-CURRENT: 264/45.1; 264/210.1, 264/210.7, 264/290.2, 264/45.5, 428/304.4, 428/315.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMCM	Draw Desc	Image
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Terms	Documents
L10 and (molar mass or molar weight or molecular mass or molecular weight)	7

Display Format: -

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WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 4 of 4 returned.**☐ 1. Document ID: US 5866662 A

L12: Entry 1 of 4

File: USPT

Feb 2, 1999

US-PAT-NO: 5866662

DOCUMENT-IDENTIFIER: US 5866662 A

TITLE: Cycloolefin polymers

DATE-ISSUED: February 2, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hatke; Wilfried	Hofheim			DE
<u>Osan; Frank</u>	Kelkheim			DE

US-CL-CURRENT: 526/160; 526/281, 526/283, 526/284, 526/308, 526/348, 526/348.6,
526/351, 526/352, 526/943[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Draw Desc](#) [Image](#)☐ 2. Document ID: US 5856414 A

L12: Entry 2 of 4

File: USPT

Jan 5, 1999

US-PAT-NO: 5856414

DOCUMENT-IDENTIFIER: US 5856414 A

TITLE: Cycloolefin polymers

DATE-ISSUED: January 5, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hatke; Wilfried	Hofheim			DE
<u>Osan; Frank</u>	Kelkheim			DE

US-CL-CURRENT: 526/160; 526/159, 526/281, 526/283, 526/308, 526/348, 526/348.6,
526/943[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Draw Desc](#) [Image](#)☐ 3. Document ID: US 5623039 A

L12: Entry 3 of 4

File: USPT

Apr 22, 1997

US-PAT-NO: 5623039

DOCUMENT-IDENTIFIER: US 5623039 A

TITLE: Cycloolefin polymers

DATE-ISSUED: April 22, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hatke; Wilfried	Hofheim			DE
<u>Osan; Frank</u>	Kelkheim			DE

US-CL-CURRENT: 526/281; 526/160, 526/283, 526/308, 526/348, 526/348.6, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC	Draw Desc	Image
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☐ 4. Document ID: US 5610253 A

L12: Entry 4 of 4

File: USPT

Mar 11, 1997

US-PAT-NO: 5610253

DOCUMENT-IDENTIFIER: US 5610253 A

TITLE: Cycloolefin polymers

DATE-ISSUED: March 11, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hatke; Wilfried	Hofheim			DE
<u>Osan; Frank</u>	Kelkheim			DE

US-CL-CURRENT: 526/281; 526/160, 526/283, 526/308, 526/348, 526/348.6, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC	Draw Desc	Image
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Terms	Documents
L11 and reactor	4

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WEST Search History

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DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ

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L9	L1 and (polyolefin with amorphous)	11	L9
L10	L9 and viscosity	7	L10
L11	L10 and (molar mass or molar weight or molecular mass or molecular weight)	7	L11
L12	L11 and reactor	4	L12

END OF SEARCH HISTORY